

Church Directory.

ST. Athanasius Episcopal Church.

Reverend John Benner Gible, Rector.

Services:

Every Sunday, 11:00 a. m. and 8:00 p. m.
Holy Communion: First Sunday, 11:00 a. m. Third Sunday, 7:30 a. m.
Holy and Saints Days, 10:00 a. m.
Sunday School 9:30 a. m.
The public is cordially invited. All pews free.

Christian Church.

Corner Church and Davis Sts.
Rev. P. H. Fleming, Pastor.

Services:

Preaching every Sunday, 11:00 a. m. and 8:00 p. m.
Sunday School, 9:45 a. m. Jno. R. Foster, Supt.
Christian Endeavor Services, Sunday evenings at 7:15.
Mid-week Prayer Service, every Wednesday at 8:00 p. m.
Ladies' Aid and Missionary Society meets on Monday after the Second Sunday in each month.
A cordial invitation extended to all.
A Church Home for Visitors and Strangers.

Burlington Reformed Church.

Corner Front and Anderson Sts.
Rev. J. D. Andrew, Pastor.

Sunday School every Sabbath, 9:45 a. m.
Preaching every 2nd and 4th Sabbath, 11:00 a. m. and 8:00 p. m.
Mid-week Service every Thursday, 7:45 p. m.
A cordial welcome to all.
Parsonage 2nd door east of church.

Presbyterian Church.

Rev. Donald McIver, Pastor.

Services every Sunday at 11:00 a. m. and 8:00 p. m.
Sunday School at 9:45 a. m.
Prayer-meeting, Wednesday at 8:00 p. m.
The public is cordially invited to all services.

Front Street M. E. Church, South.

Rev. J. A. Hornaday, Pastor.

Preaching every Sunday morning and evening.
Sunday School, 9:30 a. m.
Prayer Service, Wednesday evening.

Macedonia Lutheran Church.

Front Street.

Rev. C. Brown Cox, Pastor.

(Residence next door to Church.)
Morning Service at 11:00 a. m.
Vespers at 8:00 p. m.
(No services on third Sundays.)
Sunday School 9:45 a. m., every Sunday.
Teachers' Meeting, Wednesday 8:00 p. m. (at parsonage.)
Woman's Missionary Society (after morning service on fourth Sundays.)
L. C. Bs., Saturday before third Sundays, 3:00 p. m.
L. L. L., third Sundays at 8:00 p. m.

Baptist Church.

Rev. S. L. Morgan, Pastor.

Morning Services, 11:00 a. m.
Evangelistic Services, 7:30 p. m.
Wednesday night prayer meeting services, 8:00 p. m.
Business meeting, first Wednesday evening of the month at 8:15 p. m.
Sunday School 9:30 a. m.
J. L. Scott, Supt.

The Methodist Protestant Church,

East Davis Street.

Rev. J. D. Williams, Pastor.

(Parsonage next door to Church.)
Services:
Morning, 11:00 Evening, 8:00.
Prayer meeting Wednesday evenings.
Ladies' Aid and Missionary Societies every Monday afternoon after first Sunday in each month.
Sunday School 9:45 a. m.
J. G. Rogers, Supt.
Excellent Baraca and Philathea Classes. You are invited to attend all services.

Webb Avenue M. E. Church,

Rev. B. T. Hurley, Pastor.

Preaching every first Sunday at 11 a. m. and 8 p. m., second Sunday at 8 p. m.
Sunday School every Sunday morning at 10 a. m.
John F. Idol, Supt.
Everybody Welcome.

Necessity of Organic Matter in the Soil.—III.

But should not this rye and clover and peas be fed to the cattle and the manure put on the land rather than plow them under green? By no means! till your land can spare them. Always feed the hungrier creature first. If the land is more in need of fertility than the cattle of forage, feed the land first and continue to feed it until it gains sufficient strength to produce a forage crop for the cattle, then market your forage and feed through live stock.

But is green rye worth anything as manure before feeding it to stock? I am going to let you answer the question for yourself. Below you will find a table showing the manurial value of green rye as compared with that of fresh cow and horse manure. Examine this table carefully because there is a great deal in it.

TABLE SHOWING COMPARATIVE FERTILIZER VALUE OF GREEN RYE AND FRESH HORSE AND COW MANURE

Pounds per ton.
Green rye, Nitrogen 10.6. Phosphate 5. Potash 14.2.
Fresh cow manure, Nitrogen 7.6. Phosphate 1.6. Potash 7.3.
Fresh horse manure, Nitrogen 8.7. Phosphate 1.9. Potash 7.3.
The above table represents an average of a large number of analyses of both rye and the manure. The analysis of the manures in the above table refers only to the solid excrement and does not have reference to the liquid manure which no ninety farms out of a hundred goes to waste. You may be surprised to note that a ton of green rye is worth more as a fertilizer than a ton of fresh horse or cow manure. You may consider it from every point view. The rye has nearly a third more nitrogen per ton, nearly three times as much phosphate, and twice as much potash, as either of these manures. You can, therefore, see the importance of the use of green rye as a manure for any crop you wish to grow.

We recommend the use of rye preceding a corn crop in case the growth of rye is rather large. The rye crop is hard to handle as a green manure preceding the cotton crop unless the rye is sown early in the fall and allowed to make a good growth during the fall and early winter and plowed under a month before the cotton is to be planted. Treated in this way, there should be no trouble in the use of rye as a green manure preceding cotton. It will be only necessary to roll the rye and disc it two or three times thus cutting it to small bits, plow it under, six or eight inches deep, and disc the land once or twice more in order to thoroughly incorporate it with the soil. After this the cotton land may be prepared in the usual way.

An acre of rye that will make one ton of cured rye hay will, if plowed under, add to the soil about 45 lbs. of available nitrogen; 20 lbs. of available phosphoric acid; and 56 lbs. of available potash. Now, do not get the idea that rye is a legume and collects nitrogen from the air because such is not the case, but the growing rye does build into its tissues large amounts of nitrogen already in the soil which would be lost by leaching during the fall, winter, and spring months and hence rye is seen to be a real conservator of nitrogen. The phosphate and potash are not really added to the soil but the rye builds these elements also into its tissues and conserves them against loss by leaching in the form of a nitrate.

To get this much nitrogen you will have to use about 6 tons of horse manure, or 7 tons of cow manure or over one ton of 8-2-2 commercial fertilizer. In order to get this amount of phosphate you would have to use about 10 tons of horse or about 13 tons of cow manure. To get this amount of available potash you would have to use about 7½ tons of either horse or cow manure.

The chief advantage of stable manure over green manuring crops lies in its being decomposed and ready for use and in the large number of bacteria it carries into the soil with it. This advantage is only temporary, however, because, as soon as the green manuring crops break down, they are found quite as advantageous to plant growth as the stable or barnyard manure and when plowed in while green and succulent, the processes of decaying go on quite rapidly.

J. L. Burgess,
N. C. Department of Agriculture.

Advertise in the Dispatch.

Re-Sale of Valuable Flour Milling Property.

Under and by virtue of an order of the Superior Court of Alamance County made in a special proceeding therein pending entitled "Alamance Loan & Trust Company, Administrator, v. Carl Hornaday et al.," the undersigned, Commissioner, will on

MONDAY, SEPTEMBER 11, '11 at 12 o'clock, noon, at the Court House door in Graham, Alamance County, North Carolina, offer for sale to the highest bidder that real property in the City of Burlington, Alamance County, North Carolina, known as the Dixie Mill Property, described as follows:

A tract or parcel of land in the county of Alamance and State of North Carolina, in Burlington Township, adjoining the lands of the North Carolina Railroad Company and others, and bounded as follows:
Beginning at a rock, corner of Graves Street, on the North Carolina Railroad Company's land and at the southwest corner of a roller mill formerly belonging to Samuel R. Ireland and Company, and running thence with the southeast side of Graves Street, N. 53 degrees 24 chs. E. 170 feet to an iron bolt on the southeast side of said street; thence S. 36 degrees 36 chs. E. 140 feet to an iron bolt on the line of the North Carolina Railroad Company's land; thence S. 53 degrees 24 chs. W. 140 feet to an iron bolt 100 feet from center of the said Railroad Company's right-of-way; thence N. 36 degrees 36 chs. W. 140 feet to the beginning, containing 23,800 square feet, but to be the same be there more or less, upon which there is situated a roller mill.

This is a very valuable piece of property, and will be sold as a complete roller mill property, and the purchaser will get a property that can be immediately operated as a roller flour mill. Upon this real property is the building, machinery and appliances necessary for the proper conducting of a roller mill business and all of this property is sold as a flour milling plant.

Said property will be sold at public outcry to the highest bidder upon the following terms, to wit: One-third of the bid to be paid in money down and the other two-thirds to be secured by notes in equal amounts at six and twelve months; and said notes to carry interest from day of sale until paid, and title to be reserved until payment of purchase money is complete.

This property is resold because of an advanced bid, and at this sale the bidding will start at the sum of \$5,610.00.

Alamance Loan & Trust Company, Commissioner,
Administrator of S. M. Hornaday Deceased.

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N & W Norfolk & Western

JUNE 11, 1911.

No. 22	No. 24
Daily	Daily
Lv. Charlotte 10:20 a. m.	
Lv. Winston 2:05 p. m.	7:20 a. m.
Lv. Walnut C. 2:40 p. m.	7:57 a. m.
Lv. Madison 3:08 p. m.	8:25 a. m.
Lv. Mayodan 3:11 p. m.	8:29 a. m.
Lv. Mt. Airy 4:09 p. m.	9:26 a. m.
Ar. Roanoke 6:25 p. m.	11:45 a. m.
No. 21.	No. 23.
Daily	Daily
Lv. Roanoke 9:15 a. m.	5:10 p. m.
Lv. Mt. Airy 11:40 a. m.	7:35 p. m.
Lv. Mayodan 12:52 p. m.	8:30 p. m.
Lv. Madison 12:55 p. m.	8:34 p. m.
Lv. Walnut C. 1:24 p. m.	9:01 p. m.
Lv. Winston 2:05 p. m.	9:40 p. m.
Ar. Charlotte 5:50 p. m.	

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If you are thinking of taking a trip, you want quotations, cheapest fares, reliable and correct information, as to route, train schedules the most comfortable and quickest way, write and the information is yours for the asking with one of our map folders.

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Leave Selma 7:33 a. m.	\$5.00
Leave Raleigh 8:35 a. m.	\$4.75
Leave Durham 9:50 a. m.	\$4.75

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